

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Dexiang CHEN et al.

INDUCTION OF MUCOSAL IMMUNITY BY VACCINATION

VIA THE SKIN ROUTE

Appl. No.:

10/724,727

Filing Date:

12/2/2003

Examiner:

Stacy B. CHEN

Art Unit:

1648

CERTIFICATE OF EXPRESS MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. EV 4234987745 "/21/05 (Express Mail Label Number) (Date of Deposit) CHARLES J. SCHERGE (Public Pane)

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of a document known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

10/25/2005 HLE333 00000056 190741 10724727

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TIMING OF THE DISCLOSURE

The listed document is being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

FEE

A fee in connection with submission of an information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) should be charged to Deposit Account No. 19-0741. A duplicate copy of this Information Disclosure Statement is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date October 21, 2005

FOLEY & LARDNER LLP

Telephone: Facsimile:

Customer Number: 22428 (202) 672-5483 (202) 672-5399 By V.S. Mal \$55,459 U.MONANRAM Richard C. Peet

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Date Submitted: October 21, 2005

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number.

Complete if Known				
Application Number	10/724,727			
Filing Date	12/2/2003			
First Named Inventor	Dexiang CHEN			
Group Art Unit	1648			
Examiner Name	Stacy B. CHEN			
Attorney Docket Number	036481-0143			

	U.S. PATENT DOCUMENTS							
Examiner Cite Initials* No.		U.S. Patent			Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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NON PATENT LITERATURE DOCUMENTS

Examiner Signature	Date Considered	

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¹ Unique citation designation number. 2See attached Kinds of U.S. Patent Documents. 3Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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	Date Submitte	d. October	21, 2005	Group Art Unit	1648		
	(use as many s	heets as ne	ecessary)	Examiner Name	Stacy B. CHEN		
Sheet	2	of	2	Attorney Docket Number	036481-0143		

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		BERGMEIER, L.A., et al., "Induction of IgA and IgG Antibodies in Vaginal Fluid, Serum and Saliva Following Immunization of Genital and Gut Associated Lymphoid Tissue", <u>Advances in Mucosal Immunology</u> , 1995, pages 1567-1573 Plenum Press, New York, 1995.	
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